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  - L1: (9) "704"/$.ccls. and dual adj access
  - L2: (0) "704"/231.ccls. and dual adj access
  - L3: (775) "704"/231.ccls.
  - L4: (71) "704"/231.ccls. and front adj end
  - L5: (0) "704"/231.ccls. and daram
  - L6: (2) "704"/$.ccls. and daram
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  - L8: (38) "704"/231.ccls. and front adj end and @ad<"20010314"
  - L9: (174) "711"/$.ccls. and speech adj recognition
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"711"/$.ccls. and speech adj recognition and (dual adj access or daram)

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	U	1	Document ID	Issue Date	Pages	Title	Current OR	Current XRef	Retrieval Cl	Inventor	S	C	P		3			Ima
1			US 20030200410 A	20031023	48	Memory management in embedded systems with dynamic	711/170	711/165		Russo, David A. et al.								US 200
2			US 6968438 B1	20051122	44	Application programming interface with inverted memory or	711/170	717/100		Russo; David A. et al.								US
3			US 6820184 B2	20041116	45	Memory management in embedded systems with dynamic	711/170	717/100		Russo; David A. et al.								US
4			US 6691298 B1	20040210	57	Memory management in embedded system with design ti	717/100	711/170; 717/108		Russo; David A. et al.								US
5			US 6546477 B1	20030408	44	Memory management in embedded systems with dynamic	711/170	717/100		Russo; David A. et al.								US
6			US 6363470 B1	20020326	22	Circular buffer management	711/220	710/56; 711/110;		Laurenti; Gilbert et al.								US
7			US 5983328 A	19991109	32	Data processing device with time-multiplexed memory bus	711/157	711/150		Potts; James F. et al.								US
8			US 5907864 A	19990525	31	Data processing device with time-multiplexed memory bus	711/169			Potts; James F. et al.								US

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(71) Applicant *(for all designated States except US)*: INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) Applicant *(for LU only)*: IBM DEUTSCHLAND GMBH [DE/DE]; Pascalstrasse 100, 70569 Stuttgart (DE).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: STAIGER, Dieter [DE/DE]; Falkenstrasse 28, 71093 Weil im Schönbuch (DE).

(74) Agent: KLEIN, Hans-Jörg; IBM Deutschland GmbH, Intellectual Property, Pascalstr. 100, 70548 Stuttgart (DE).

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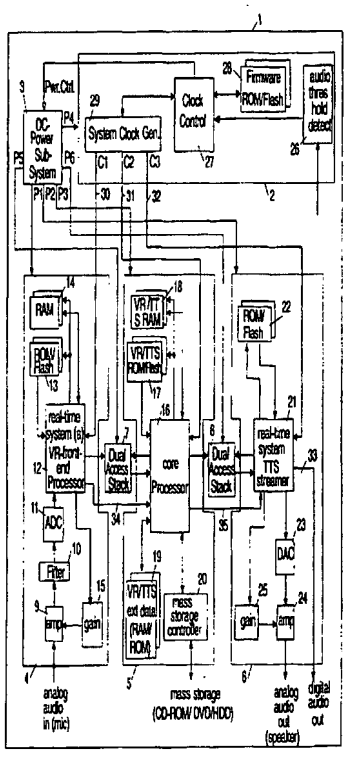
[Continued on next page]

(54) Title: METHOD AND PROCESSOR SYSTEM FOR PROCESSING OF AN AUDIO SIGNAL.



(57) Abstract: In a processor system (1) for audio processing, such as voice recognition and text-to-speech, a dedicated front-end processor (12), a core processor (16) and a dedicated back-end processor (21) are provided which are coupled by dual access stack (7) and (8), respectively. When an analog audio signal is inputted core processor (16) is invoked only when a certain amount of data is present in the dual access stack (7). Likewise the back-end processor (21) is invoked only when a certain amount of data is present in the dual access stack (8). This way the overall processing power required by the processing task is minimised as well as the power consumption of the processor system (1).

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TITLE: METHOD AND PROCESSOR SYSTEM FOR PROCESSING OF AN AUDIO SIGNAL

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INVENTOR-INFORMATION:

NAME	COUNTRY
STAIGER, DIETER	DE

ASSIGNEE-INFORMATION:

NAME	COUNTRY
IBM	US
IBM DEUTSCHLAND	DE
STAIGER DIETER	DE

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ABSTRACT:

CHG DATE=20021101 STATUS=N>In a processor system (1) for audio processing, such as voice recognition and text-to-speech, a dedicated front-end processor (12), a core processor (16) and a dedicated back-end processor (21) are provided which are coupled by dual access stack (7) and (8), respectively. When an analog audio signal is inputted core processor (16) is invoked only when a certain amount of data is present in the dual access stack (7). Likewise the back-end processor (21) is invoked only when a certain amount of data is present in the dual access stack (8). This way the overall processing power required by the processing task is minimised as well as the power consumption of the processor system (1).

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